

Soy PI

L- α -phosphatidylinositol (Soy) (sodium salt)

840044C-50mg

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Molecular Weight	866.647 (average based on fatty acid distribution in product)
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5505CKA181
Avanti Lot Number	840044C-50MG-A-181

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
UV Oxidation	NMT 5% total all wavelengths	0.42% total
FAME (GC/FID)	Consistent with historical data 16:0 = ~31% 18:0 = ~7% 18:1 = ~5% 18:2 = ~50% 18:3 = ~7%	Consistent with historical data
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	[M-Na] ⁺ = 834.1 \pm 1 amu (predominant species)	[M-Na] ⁺ = 833.9 amu

Approved By:



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